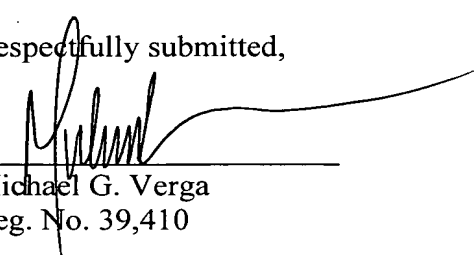


## REMARKS

1. Applicant would like to thank Examiners West and Hoff for meeting with Applicant's representatives on Tuesday, February 15, 2005. During the Interview, Applicant's representatives and the Examiners discussed dependent claim 52, which the Examiner previously rejected in the outstanding office action as being unpatentable over U.S. Patent No. 5,003,248 to Johnson (hereinafter "Johnson") in view of U.S. Patent No. 5,495,168 to de Vries (hereinafter "de Vries"). During the Interview, the Examiners agreed that Johnson neither teaches nor suggests "a pulse identifier data unit uniquely identifying each said pulse of said acquired signal, and a plurality of pulse measurement results data units associated with each said pulse identifier" as recited in independent claim 52. The Examiners further agreed, as indicated in the Interview Summary, that if the limitations of claim 52 were incorporated into the independent claims, the resulting combinations would be allowable over the art of record. Accordingly, Applicant has amended independent claims 1, 25 and 44 to incorporate the limitations of claim 52. Applicant therefore respectfully submits that independent claims 1, 25 and 44, as amended, are in condition for allowance.
2. Further, Applicant has canceled claim 52. Claims 53-65, which previously depended from claim 52, have been amended to depend from amended independent claim 44.
3. Applicant has also amended dependent claims 53-65 to correct informalities. No new matter has been added. Entry is respectfully requested.
4. Applicant respectfully requests that this Amendment Under 37 C.F.R. § 1.116 be entered by the Examiner, placing claims 1-29, 44-49, 51 and 53-65 in condition for allowance. Applicant submits that the proposed amendments of claims 1, 25, 44 and 53-65 do not raise new issues or necessitate the undertaking of any additional search of the art by the Examiner, since all of the elements and their relationships claimed were either earlier claimed or inherent in the claims as examined. Therefore, this Amendment should allow for immediate action by the Examiner.
5. Finally, Applicant submits that the entry of the amendment would place the application in better form for appeal, should the Examiner dispute the patentability of the pending claims.
6. In view of the foregoing Remarks, Applicant submits that this claimed invention, as

amended, is neither anticipated nor rendered obvious in view of the prior art references cited against this application. Applicant therefore requests the entry of this Amendment, the Examiner's reconsideration and reexamination of the application, and the timely allowance of the pending claims.

Respectfully submitted,



---

Michael G. Verga  
Reg. No. 39,410

February 16, 2005